Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Tuesday 25 Jul 2023 until 23:59 on Wednesday 26 Jul 2023

Forecast Issued on Monday 24 Jul 2023 at 15:27

Confidence: High confidence in an unsettled week. Moderate confidence in arrival time of rain on Wednesday, lower in clearance time on Thursday. Low confidence in detail from Friday.

Headline for Tuesday 25 Jul 2023: Sunny spells and showers.

Mountain weather hazards on Tuesday 25 Jul 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** High Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Cloudy	Sunny intervals	Light rain showers	Light rain showers	Sunny intervals	Partly cloudy (night)
Precipitation probability							
10%	10%	10%	20%	40%	40%	10%	<05%

Forecast for Tuesday 25 Jul 2023

Weather: Some sunny spells at first, but cloud will soon develop, with showers from late morning. These will generally be light, but the odd heavier shower is possible later in the afternoon, particularly in the east.

Chance of cloud-free hill tops above 600m: 60%, becoming 90%.

Low cloud and visibility: Cloud base around 500m at first, lifting by mid-morning to clear all but the highest summits. Lifting further during the afternoon and tending to break up slightly, with clear spells during the early evening. Generally good visibility, particularly during the afternoon and evening, but poor in early cloud and in any heavier showers in the afternoon.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Tuesday 25 Jul 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/10 SW	10/13 W	11/15 W	12/17 W	12/18 W	17/23 W	16/22 W	12/18 W	12/18 W
300	6/9 SW	7/11 SW	8/12 W	9/14 W	10/15 NW	14/21 NW	13/22 W	8/14 W	9/15 W
Valley	3/8 W	3/8 SW	4/9 W	7/12 W	8/14 W	10/20 NW	11/22 NW	6/13 W	5/12 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/7	8/6	8/6	10/7	12/9	11/8	11/8	9/7	9/6
300	12/10	11/9	11/9	12/10	14/12	14/12	14/11	12/10	11/10
Valley	12/11	11/10	11/11	14/13	15/14	15/13	15/12	12/11	12/11
Freezing Level*	1800m	1800m	1700m	1700m	1900m	2000m	1900m	2000m	2000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Note the low temperatures at height, where it will feel markedly colder than in the valleys.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Mon 24 Jul 2023	11.4mm	38.6mm	62.6mm

Forecast for Wednesday 26 Jul 2023

Weather: Early low cloud will clear by mid-morning, with some bright or sunny spells for a time, and perhaps an isolated shower. Rain will arrive from the west late afternoon, becoming increasingly heavy and persistent through the evening.

Maximum wind: Southwesterly 10mph gusting 20mph

Chance of cloud-free hill tops above 600m: 70%

Low cloud and visibility: Patchy low cloud, base 300-400m at first. This will clear by mid-morning, with only high cloud for a time, well above summits. High cloud will thicken and lower later in the afternoon, with cloud becoming extensive from 300m during the evening.

Temperature: **Valleys:** Plus 18C
At 600m: Plus 15C
Freezing level: Above the summits

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